

## Contents

### Review Articles

Dahlquist G: Epidemiological Studies of Childhood Insulin Dependent Diabetes 583  
Henter JI, Elinder G: Familial Hemophagocytic Lymphohistiocytosis. Clinical Review Based on the Findings in Seven Children 269  
Ornstein M, Ohlsson A, Edmonds J, Asztalos E: Neonatal Follow-up of Very Low Birthweight/Extremely Low Birthweight Infants to School Age: A Critical Overview 741  
Robertson A, Karp W, Brodersen R: Bilirubin Displacing Effect of Drugs Used in Neonatology 1119

### Original Articles

Adlerberth I, Carlsson B, Man de P, Jalil F, Khan SR, Larsson P, Mellander L, Svanborg C, Wold AE, Hansson LÅ: Intestinal Colonization with Enterobacteriaceae in Pakistani and Swedish Hospital-Delivered Infants 602  
Ahmed ML, Foot ABM, Edge JA, Lamkin VA, Savage MO, Dunger DB: Noonan's Syndrome: Abnormalities of the Growth Hormone/IGF-I Axis and the Response to Treatment with Human Biosynthetic Growth Hormone 446  
Araya M, Baiocchi N, Espinoza J, Brunser O: Persistent Diarrhoea in the Community. Characteristics and Risk Factors 181  
Arröe M: The Risk of X-Ray Examinations of the Lungs in Neonates 489  
Balslev T: Parental Reactions to a Child's First Febrile Convulsion. A Follow-up Investigation 466  
Bartlett AV, Paz de Bocaietti ME: Intrapartum and Neonatal Mortality in a Traditional Indigenous Community in Rural Guatemala 288  
Beal S, Porter C: Sudden Infant Death Syndrome Related to Climate 278  
Berg Kelly K: Self-Reported Health Status and Use of Medical Care by 3500 Adolescents in Western Sweden II. Could Clustering of Symptoms and Certain Background Factors Help Identify Troubled Young People? 844  
Berg Kelly K, Ehrvér M, Erneholm T, Gundevall C, Wennerberg I, Wettergren L: Self-Reported Health Status and Use of Medical Care by 3500 Adolescents in Western Sweden I 837  
Bhutta ZA, Naqvi SH, Muzaffar T, Faroqui BJ: Neonatal Sepsis in Pakistan. Presentation and Pathogens 596  
Bisgaard H, Pedersen S, Damkjaer Nielsen M, Osterballe O: Adrenal Function in Asthmatic Children Treated with Inhaled Budesonide 213  
Coad K, Codrington G, Escoffrey C, Kelling JW, Ashley D, Golding J: Perinatal Mortality in Jamaica 1986-1987 749  
Cowan F, Whitelaw A: Acute Effects of Acetazolamide on Cerebral Blood Flow Velocity and  $pCO_2$  in the Newborn Infant 22  
Dahl IL, Grufman M, Hellberg C, Krabbe M: Absenteeism because of Illness at Daycare Centers and in Three-Family Systems 436  
Dalmaz Y, Ariagno RL, Bellon G, Challamel MJ, Peyrin L: Plasma Dopamine, Norepinephrine, Epinephrine and DOPAC Levels in Preterm Infants Prior to and Immediately after a Sleep Ventilation Hypercarbia Test 1008  
De Laat PCJ, Weemaes CMR, Gonera R, Van Munster PJ, Bakkeren JAJM, Stoelinga GBA: Clinical Manifestations in Selective IgA Deficiency in Childhood. A Follow-up Report 798  
De Winter JP, Van Bel F: The Effect of Glucocorticosteroids on the Neonatal Blood Count 159  
Ekman G, Chateau de P, Marions O, Sellden H, Wahlund LO, Wetterberg L: Low Field Magnetic Resonance Imaging of the Central Nervous System in 15 Children with Autistic Disorder 243  
Elliman AM, Bryan EM, Elliman AD, Walker J, Harvey DR: Coordination in Low Birthweight Seven-Year-Olds 316  
Ellison PH, Greisen G, Foster M, Bloch Petersen M, Friis-Hansen B: The Relation between Perinatal Conditions and Developmental Outcome in Low Birthweight Infants. Comparison of Two Cohorts 28  
Engström I, Lindquist BL: Inflammatory Bowel Disease in Children and Adolescents: a Somatic and Psychiatric Investigation 640  
Engström I, Fällström K, Karlberg E, Sten G, Bjure J: Psychological and Respiratory Physiological Effects of a Physical Exercise Programme on Boys with Severe Asthma 1058  
Esbjörner E: Albumin Binding Properties in Relation to Bilirubin and Albumin Concentrations during the First Week of Life 400  
Esbjörner E, Larsson P, Leissner P, Wranne L: The Serum Reserve Albumin Concentration for Monoacetyldiamino-diphenyl Sulphone and Auditory Evoked Responses during Neonatal Hyperbilirubinaemia 406  
Fauskin G: Acute Otitis Media in Early Infancy. Recurrence and Prophylaxis 418  
Fernell E, Gillberg C, Wendt von L: Autistic Symptoms in Children with Infantile Hydrocephalus 451  
Ferngren H, Åkerström I, Rane A: Mono- or Polypharmaco-therapy in Institutionalized Epileptic Children with Severe Mental Retardation? A Team Approach for Optimizing Antiepileptic Therapy 458  
Foucard T, Gebre-Medhin M, Gustavson KH, Lindh U: Low Concentrations of Sodium and Magnesium in Erythrocytes from Cystic Fibrosis Heterozygotes 57  
Forsgren L, Sidenvall R, Blomquist HK, Heijbel J, Nyström L: Pre- and Perinatal Factors in Febrile Convulsions 218  
Fønnebø V, Dahl LB, Moe PJ, Ingebretsen OC: Does VLDL-LDL-Cholesterol in Cord Serum Predict Future Level of Lipoproteins? 780  
Frisk M: School Readiness and CNS Maturity: Relation to Psychophysical and Psychosocial Development and to Early School Achievement 1078  
Gallo P, Laverda AM, De Rossi A, Pagni S, Del Mistro A, Cogo P, Piccinno MG, Plebani A, Tavolato B, Chieco-Bianchi L: Immunological Markers in the Cerebrospinal Fluid of HIV-1-Infected Children 659  
Garcia-Rodriguez MC, Omeñaca F, Ferreira A, Madero R, Zapico R, Muro M, De José I, Fontan G: Immunological

Follow-up in Children Born to HIV-1 Infected Mothers 1183  
Gemelli M, Mami C, De Luca F, Stelitano L, Bonaccorsi P, Martino F: Atrial Natriuretic Peptide and Renin-Aldosterone Relationship in Healthy Newborn Infants 1128  
Heine W, Mohr C, Wutzke KD, Radke M: Symbiotic Interactions between Colonic Microflora and Protein Metabolism in Infants 7  
Henter JI, Elinder G, Söder O, Öst Å: Incidence in Sweden and Clinical Features of Familial Haemophagocytic Lymphohistiocytosis 428  
Henter JI, Carlson LA, Söder O, Nilsson-Ehle P, Elinder G: Lipoprotein Alterations and Plasma Lipoprotein Lipase Reduction in Familial Haemophagocytic Lymphohistiocytosis 675  
Heyman E, Ohlsson A, Heyman Z, Fong K: The Effect of Aminophylline on the Excursions of the Diaphragm in Preterm Neonates. A Randomized Double-Blind Controlled Study 308  
Hildebrand H, Aronson S, Kullendorf CM, Selvik G: Roentgen Stereophotogrammetric Short-Term Analysis of Growth Rate in Children Operated for Crohn's Disease 917  
Hillervik-Lindquist C, Hofvander Y, Sjölin S: Studies of Perceived Breast Milk Insufficiency. III. Consequences for Breast Milk Consumption and Growth 297  
Hisano S, Kawano M, Kaku Y, Yamane I, Hatae K, Urugoh K, Matsuzaki A, Ueda K: The Natural History of Screening Detected IgA Glomerulonephritis in Children 1044  
Hjern A, Koçtürk-Runeffors T, Jeppson O, Tegelman R, Höjer B, Adlercreutz H: Health and Nutrition in Newly Resettled Refugee Children from Chile and the Middle East 859  
Ignatius A, Lenko HL, Perheentupa J: Oestrogen Treatment of Tall Girls: Effects Decreases with Ages 712  
Ilicki A, Larsson A: Psychological Development at 7 Years of Age in Children with Congenital Hypothyroidism. Timing and Dosage of Initial Treatment 199  
Ilicki A, Larsson A, Karlsson FA: Circulating Thyroid Antibodies in Congenital Hypothyroidism 805  
Imashuku S, Todo S, Nakajima F, Fujita K, Hibi S, Miyake M: Treatment for Stage III-IV Neuroblastoma Patients: Initial Response to Chemotherapy Evaluated by Biochemical Parameters 924  
Jain N, Mathur NB, Sharma VK, Dwarkadas AM: Cellular Composition Including Lymphocyte Subsets in Preterm and Full Term Human Colostrum and Milk 395  
Jiang ZD, Wu YY, Zhen MS, Sun DK, Feng LY, Peng YM, Liu XY: Development of Early and Late Brainstem Conduction Time in Normal and Intrauterine Growth Retarded Children 494  
Johansson BL, Freyschuss U: Physiological Effects of Mental Stress and Orthostasis in Young Insulin-Dependent Diabetic Patients 66  
Jokinen E, Välimäki I: Children in Sauna: Electrocardiographic Abnormalities 370  
Joseph Jr F, Rosenberg AJ: Low Breath Hydrogen Production in Post-Diarrhoeic Infants 792  
Järvelin MR, Moilanen I, Kangas P, Moring K, Viikiväinen Tervonen L, Huttunen NP, Seppänen J: Aetiological and Precipitating Factors for Childhood Enuresis 361  
Karlberg J, Kjellmer I, Kristiansson B: Linear Growth in Children with Cystic Fibrosis. I. Birth to 8 Years of Age 508  
Karlberg J, Hägglund G, Strömquist B: Immobilization Related to Early Linear Growth 833  
Karlberg J, Albertsson-Wiklund K, Nilsson KO, Ritzén EM, Westphal O: Growth in Infancy and Childhood in Girls with Turner's Syndrome 1158  
Kemp SF, Frindik JP: Effect of Metabolic Control on Serum Protein Concentrations in Diabetes 938  
Kherkeulidze P, Johansson J, Carlson LA: High Density Lipoprotein Particle Size Distribution in Cord Blood 770  
Konradsen HB, Henrichsen J: Pneumococcal Infections in Splenectomized Children Are Preventable 423  
Korppi M, Leinonen M, Mäkelä PH, Launiala K: Mixed Infection Is Common in Children with Respiratory Adenovirus Infection 413  
Koskelo EK, Kivisaari LM, Saarinen UM, Siimes MA: Quantitation of Muscles and Fat by Ultrasonography: A Useful Method in the Assessment of Malnutrition in Children 682  
Krull F, Ehrich JHH, Wurster U, Toel U, Rothgänger S, Luhmer I: Renal Involvement in Patients with Congenital Cyanotic Heart Disease 1214  
Kumita H, Mizuno S, Shinohara M, Ichikawa T, Yamazaki T: Low-Dose Doxapram The Disease and Early Neonatal Aldosterone Metabolism in Infants of Less than 33 Weeks Gestation 786  
Laine J, Holmberg C, Anttila M, Peltola H, Perheentupa J: Types of Fluid Disorder in Children with Bacterial Meningitis 1031  
Larsson B, Johansson I, Hellsten G, Hallmans G, Ericson T, Bruce Å: Blood Lipids and Diet in Swedish Adolescents Living in Nordsjö, an Area with High Incidence of Cardiovascular Diseases and Diabetes 667  
Leslie GI, Gallery EDM, Arnold JD, Nicholson E: Hyaline Membrane Disease and Early Neonatal Adosterone Metabolism in Infants of Less than 33 Weeks Gestation 628  
Lidefelt KJ, Böllgren I, Wiman A: Single Dose Treatment of Cystitis in Children 648  
Lindblad BE, Terkelsen CJ: Product-Related Home Accidents in Children. A Survey of 1 590 Accidents 1087  
Ljung R, Kling S, Sjörin E, Nilsson IM: More Than Half the Sporadic Cases of Hemophilia A in Sweden Are Due to a Recent Mutation 343  
Loh RKS, Thong YH, Ferrante A: Deficiency of IgG Subclasses and IgA, and Elevation of IgE in Children with a Past History of Bacterial Meningitis 654  
Maertzdorf WJ, Aldenhuyzen-Dorland W, Slaaf DW, Tangelder GJ, Blanco CE: Circulating Blood Volume in Appropriate and Small for Gestational Age Full Term and Preterm Polycythaemic Infants 620  
Maffeis C, Micciolo R, Zoccatelli L, Zaffanella M, Pinelli L: Basal Energy Expenditure in Obese and Normal Weight Schoolchildren 1145  
Malm G, Forsgren M, el Azazi M, Persson A: A Follow-up Study of Children with Neonatal Herpes Simplex Virus Infections with Particular Regard to Late Nervous Disturbances 226  
Manning DJ, Stothers JK: Sleep State, Hypoxia and Periodic Breathing in the Neonate 763  
Marin L, Zetterström R, Sököctü S, Günoz H, Saner G, Neyzi

O: Oral Rehydration Therapy: Studies on Potassium Balance 42

Mortensen HB, Main K, Michaelsen KF, Kastrup KW, Jørgensen JT, Skakkebaek NE: Predicting and Monitoring of Growth in Children with Short Stature during the First Year of Growth Hormone Treatment 1150

Müller C, Gödl I, Göttlicher J, Wolf HM, Eibl MM: Phenotypes of Peripheral Blood Lymphocytes during Acute Hepatitis A 931

Niklasson A, Ericson A, Fryer JG, Karlberg J, Lawrence C, Karlberg P: An Update of the Swedish Reference Standards for Weight, Length and Head Circumference at Birth for Given Gestational Age (1977-1981) 756

Nishi M, Miyake H, Takeda T, Takasugi N, Hanai J, Kawai T: Mass Screening for Neuroblastoma and Estimation of Costs 812

Nishioka T, Yasuda T, Niimi H: A Discordant Movement in Urine Calcium Excretion in Relation to Serum Calcium and Parathyroid Function Occurring Immediately after Birth 590

Nygaard R, Garwicz S, Haldorsen T, Hertz H, Jonmundsson GK, Lanning M, Moe PJ: Second Malignant Neoplasms in Patients Treated for Childhood Leukemia. A Population-Based Cohort Study from the Nordic Countries 1220

Olsson I, Hedström A: Epidemiology of Absence Epilepsy. II. Typical Absences in Children with Encephalopathies 235

Olsson I, Hagberg G: Epidemiology of Absence Epilepsy. III. Clinical Aspects 1066

Petersen S, Taaning E, Söderström T, Pilgaard B, Tranebraaer L, Christensen T, Nielsen HE: Immunoglobulin and Complement Studies in Children with Schönlein-Henoch Syndrome and Other Vasculitis Diseases 1037

Pittschieler K: Liver Disease and Heterozygous Alpha-1-Antitrypsin Deficiency 323

Proos LA, Hofvander Y, Turomo T: Menarcheal Age and Growth Patterns of Indian Girls Adopted in Sweden. I. Menarcheal Age 852

Pöschl J, Weiss T, Diehm C, Linderkamp O: Periodic Variations in Skin Perfusion in Full-Term and Preterm Neonates Using Laser Doppler Technique 999

Rautonen J, Rautonen N, Savilahti E: Antibodies to Gliadin in Children with Coeliac Disease 1200

Renz H, Brehler C, Petzoldt S, Prinz H, Rieger CHL: Breast Feeding Modifies Production of IgA Cow's Milk-Antibodies in Infants 149

Ruuska T, Vesikari T: A Prospective Study of Acute Diarrhoea in Finnish Children from Birth to 2 1/2 Years of Age 500

Saggese G, Baroncelli GI, Bertelloni S, Cippolloni C: Intact Parathyroid Hormone Levels during Pregnancy in Healthy Term Neonates and in Hypocalcaemic Preterm Infants 36

Saliba E, Chantepie A, Autret E, Gold F, Pourcelot L, Lauzier J: Effects of Indomethacin on Cerebral Haemodynamics at Rest and during Endotracheal Suctioning in Preterm Neonates 611

Sanjeevi CB, Vivekanandan S, Narayanan PR: Fetal Response to Maternal Ascariasis as Evidenced by Anti Ascaris Lumbricoides IgM Antibodies in the Cord Blood 1134

Sato K, Hara T, Kondo T, Iwao H, Hondo S, Ueda K: High Dose Intravenous Gammaglobulin Therapy for Neonatal Immune Haemolytic Jaundice due to Blood Group Incompatibility 163

Sato K, Kondo T, Iwao H, Honda S, Ueda K: Sodium and Potassium in Red Blood Cells of Premature Infants during the First Few Days: Risk of Hyperkalaemia 899

Savilahti E, Tainio VM, Samenperä L, Arjomaa P, Kallio M, Perheentupa J, Siimes MA: Low Colostral IgA Associated with Cow's Milk Allergy 1207

Schulz-Lell G, Dörner K, Oldigs HD, Sievers E, Schaub J: Iron Availability from an Infant Formula Supplemented with Bovine Lactoferrin 155

Sforza E, Krieger J, Geisert J, Kurtz D: Sleep and Breathing Abnormalities in a Case of Prader-Willi Syndrome. The Effects of Acute Continuous Positive Airway Pressure Treatment 80

Shahar E, Brand N, Uziel Y, Barak Y: Nose Tapping Test Inducing a Generalized Flexor Spasm: A Hallmark of Hyperekplexia 1073

Shankaran S, Elias E, Ilagan N: Subcapsular Haemorrhage of the Liver in the Very Low Birthweight Neonate 616

Shi-Xiao W, Ruo-qi P: Studies on Adherence and Outer Membrane Protein of Enteropathogenic Escherichia coli O127: H6 and Their Related Plasmids 1019

Simondon KB, Simondon F, Cornu A, Delpuech F: The Utility of Infancy Weight Curves for the Prediction of Linear Growth Retardation in Preschool Children 1

Silveira TR, Salzano FM, Howard ER, Mowat AP: Congenital Structural Abnormalities in Biliary Atresia: Evidence for Etiopathogenic Heterogeneity and Therapeutic Implications 1192

Spadoni GL, Rossi P, Ragni W, Galli E, Cianfarani S, Gallasso C, Boscherini B: Immune Function in Growth Hormone-Deficient Children Treated with Biosynthetic Growth Hormone 75

Steen HJ, Redmond AOB, O'Neill D, Beattie F: Evaluation of the PEP Mask in Cystic Fibrosis 51

Stener Jørgensen F, Felding P, Vinther S, Eg Andersen G: Vitamin K to Neonates. Peroral versus Intramuscular Administration 304

Stenninger E, Schöllin J, Åman J: Neonatal Macrosomia and Hypoglycaemia in Children of Mothers with Insulin-treated Gestational Diabetes Mellitus 1014

Stenvinkel P, Hjelte L, Alvan G, Hedman A, Hultman E, Strandvik B: Decreased Renal Clearance of Sodium in Cystic Fibrosis 194

Stirling HF, Darling JAB, Barr DGD: Plasma Cyclic AMP Response to Intravenous Parathyroid Hormone in Pseudohypoparathyroidism 333

Stožický F, Slabý P, Voleníková L: Longitudinal Study of Serum Cholesterol, Apolipoproteins and Sex Hormones During Puberty 1139

Ståhlberg MR, Savilahti E, Siimes MA: Iron Deficiency in Coeliac Disease Is Mild and It Is Detected and Corrected by Gluten-Free Diet 190

Sullivan PB, Mascie-Taylor CGN, Lunn PG, Northrop-Clewes CA, Neale G: The Treatment of Persistent Diarrhoea and Malnutrition: Long-term Effects on In-patient Rehabilitation 1025

Svan H, Ritzén EM, Hall K, Johansson L: Estrogen Treatment of Tall Girls: Dose Dependency of Effects on Subsequent Growth and IGF-I Levels in Blood 328

Söderström M, Hovelius B, Prellner K: Respiratory Tract

Infections in Children with Recurrent Episodes as Preschoolers 688

Söderström M, Hovelius B, Prellner K: Children with Recurrent Respiratory Tract Infections Tend to Belong to Families with Health Problems 696

Teien D, Karp K, Wendel H, Human DG, Nanton MA: Quantification of Left to Right Shunts by Echo Doppler Cardiography in Patients with Ventricular Septal Defects 355

Tessin I, Trollfors B, Thiringer K, Larsson P: Ampicillin-Aminoglycoside Combinations as Initial Treatment for Neonatal Septicaemia or Meningitis. A Retrospective Evaluation of 12 Year's Experience 911

Thommessen M, Heiberg A, Kase BF, Larsen S, Riis G: Feeding Problems, Height and Weight in Different Groups of Disabled Children 527

Thore M, Faxelius G, Hedin G, Johnsson H, Ringertz S, Schröder S, Schwan A, Thid S, Öhrner Y: The Role of a Commercial Latex Agglutination Test in the Diagnosis of Group B Streptococcal Infection in Neonates 167

Tokita A, Nittono H, Mori T, Maruyama T, Hayashi M, Obinata K, Watanabe T, Yabuta K, Miyano T: Vitamin D Metabolism in Pre-Operative Extrahepatic Biliary Atresia 634

Trollfors B: Invasive *Haemophilus influenzae* Infections in Household Contacts of Patients with *Haemophilus influenzae* Meningitis and Epiglottitis 795

Tullus K, Olsson-Liljequist B, Lundström G, Burman LG: Antibiotic Susceptibility of 629 Bacterial Blood and CSF Isolates from Swedish Infants and the Therapeutic Implications 205

Vainionpää L, Saukkonen AL, Lanning M: Initial Electroencephalographic Findings in Children with Acute Lymphoblastic Leukaemia 349

Wallensteen M, Ginsburg BE, Persson B, Dahlquist G: Urinary C-Peptide Excretion in Obese and Anorectic Children 521

Wallensteen M, Lindblad BS, Zetterström R, Persson B: Acute C-Peptide, Insulin and Branched Chain Amino Acid Response to Feeding in Formula and Breast Fed Infants 143

Walterspiel JN: Design and Performance of Blanket Heat Shields for Neonates 993

Van Bel F, Van de Bor M, Walther FJ: Cerebral Blood Flow Velocity and Cardiac Output in Infants of Insulin-Dependent Diabetic Mothers 905

Veelken N, Ziegelitz J, Knispel JD, Bentele KHP: Sudden Infant Death Syndrome in Hamburg. An Epidemiological Analysis of 150 Cases 86

Verder H, Petersen W, Mauritzén K: Anal Tonometry in the Neonatal Period for the Diagnosis of Hirschsprung's Disease 45

Vesikari T, Ruuska T, Delem A, André FE, Beards GM, Flewell TH: Efficacy of Two Doses of a RIT 4237 Bovine Rotavirus Vaccine for Prevention of Rotavirus Diarrhoea 173

Vesikari T, Öhrling A, Baer M, Delem A, Bogaerts H, André FE: Evaluation of Live Attenuated Varicella Vaccine (Oka-RIT Strain) and Combined Varicella and MMR Vaccination in 13-17-Month-Old Children 1051

Wessling A, Söderman P, Boëthius G: Monitoring of Drug Prescriptions for Children in the County of Jämtland and in Sweden as a Whole in 1977-1987 944

Westbom L, Kornfält R: Utilization of Primary Care versus Specialized Care in Children with and without Chronic Illness. A Population Based Study 534

Widström AM, Werner S, Matthiesen AS, Svensson K, Uvnäs-Moberg K: Somatostatin Levels in Plasma in Non-smoking and Smoking Breast-Feeding Women 13

Wong SN, Tam AYC, Yung RWH, Kwan EYW, Tsui NNS: Pseudomonas Septicaemia in Apparently Healthy Children 515

Wyke S, Hewison J, Hey EN, Russell IT: Respiratory Illness in Children: Do Deprived Children Have Worse Coughs? 704

Yokochi K, Aiba K, Kodama M, Fujimoto S: Magnetic Resonance Imaging in Athetotic Cerebral Palsied Children 818

Yoshida N, Shikata T, Sudo S, Matsumura A, Tsujii H, Doi Y, Kinugasa A, Sawada T, Saito K, Miyamoto M: Alloimmune Neonatal Neutropenia in Monozygous Twins. High-Dose Intravenous Gammaglobulin Therapy 62

Zaman S, Carlsson B, Jalil F, Mellander L, Wezel van AL, Böttiger M, Hansson LÅ: Comparison of Serum and Salivary Antibodies in Children Vaccinated with Oral Live or Parenteral Inactivated Poliovirus Vaccines of Different Antigen Concentrations 1166

Zaman S, Carlsson B, Jalil F, Jeansson S, Mellander L, Hansson LÅ: Specific Antibodies to Poliovirus Type 1 in Breast-milk of Unvaccinated Mothers before and Seven Years after Start of Community-Wide Vaccination of Their Infants with Live, Oral Poliovirus Vaccine 1174

Åmark P, Nergårdh A: Influence of Adrenergic Agonists and Antagonists on Urethral Pressure, Bladder Pressure and Detrusor Hyperactivity in Children with Myelodysplasia 824

Östergaard JR, Storm K: Neurologic Manifestations of Schönlein-Henoch Purpura 339

### Rapid Communications

Davies H, Bagg J, Goodchild MC, McPherson MA: Defective Regulation of Electrolyte and Protein Secretion in Submandibular Saliva of Cystic Fibrosis Patients 1094

Khoshoo V, Bhan MK, Kumar R, Arora NK, Stintzing G: Is Cow's Milk Protein Sensitive Enteropathy a Cell Mediated Immunological Phenomenon? 1092

Lindgren GW, Degerfors IL, Fredriksson A, Loukili A, Mannerfeld R, Nordin M, Palm K, Pettersson M, Sundstrand G, Sylvan E: Menarche 1990 in Stockholm Schoolgirls 953

### Short Communications

Arató A, Kósna I, Szönyi, Tóth M: Frequent Past Exposure to Adenovirus 12 in Coeliac Disease 1101

Arisaka O, Arisaka M, Hosaka A, Shimura N, Yabuta K: Effect of Testosterone on Radial Bone Mineral Density in Adolescent Male Hypogonadism 378

Badaloo A, Emond A, Venugopal S, Serjeant G, Jackson AA: The Effect of Splenectomy on Whole Body Protein Turnover in Homozygous Sickle Cell Disease 103

Bagnoli F, Bruchi S, Garosi G, Massafra C, Bracci R: Osteocalcin Cord Plasma Levels: Influence of Perinatal Factors 1096

Bertotto A, Castellucci G, Scalise F, Tognellini R, Vaccaro R: "Memory" T Cells in Human Breast Milk 98

Caliouli C, Liossis G, Bakoleas B, Lautaris N, Costalos C: Fibronectin Levels in Septicaemic Neonates before and after the Administration of Immunoglobulin 1229

Ceccarelli M, Caiulo VA, Ughi C: Changing Pattern of Coeliac Disease in Western Toscana 547

Dilena BA, White GH: The Responses of Plasma Ionised Calcium and Intact Parathyrin to Calcium Supplementation in Preterm Infants 1098

Ekelund H: Late Haemorrhagic Disease in Sweden 1987-89 966

Fontana M, Zuin G, Paccagnini S, Palmieri M, Beretta P, Principi N: Home-Made Oral Rehydration Solutions: Variations in Composition 720

Frithz G, Wictorin B, Ronquist G: Calcium-Induced Constipation in Prepubescent Boy 964

Grabauskas V, Urbonaitė B, Padaiga Z: Incidence of Childhood Insulin-Dependent Diabetes Mellitus in Lithuania 1983-1988 718

Lyngkaran N, Yadav M, Boey CG: Intestinal Brush Border Peptidases in Cow's Milk Protein-Sensitive Enteropathy 549

Karlberg J, Wit JM: Linear Growth in Sotos Syndrome 956

Karpathios T, Zervoudakis A, Theodoridis C, Vlachos P, Apostolopoulou E, Fretzayas A: Mercury Vapor Poisoning Associated with Hyperthyroidism in a Child 551

Kılıç Y, Kümi M, Yılmaz B, Tanyeli A: A Comparative Study of Zinc and Copper Values in Serum, Erythrocytes and Urine in Sickle Cell Homozygotes and Heterozygotes 873

Knudtzon J, Markstedt T, Aakvaag A, Bergsjö P: Elevated 17-Hydroxyprogesterone Levels in Premature Infants 96

Korppi M, Laurikainen K, Pietikäinen M, Silvasti M: Antitussives in the Treatment of Acute Transient Cough in Children 969

Laskey MA, Dibba B, Prentice A: Low Ratios of Calcium to Phosphorus in the Breast-Milk of Rural Gambian Mothers 250

Micheli Sopo S, Pesaresi MA, Celestini E, Stabile A: Short-term Prophylaxis of Febrile Convulsions 248

Polito C, La Manna A, Cartiglia ML, Bonomo G, Del Gado R: Normal Growth of Children with HBsAg Positive Chronic Active Hepatitis (CAH) 1231

Rosenthal E, Schlesinger Y, Birnbaum Y, Goldstein R, Benderly A, Freier S: Intolerance to Casein Hydrolysate Formula 958

Sartorio A, Conti A, Guzzaloni G, Faglia G: Serum Osteocalcin Levels in Patients with GH Deficiency before and during GH Treatment 100

Smith DE, Dickson JAS: Colonic Neuronal Dysplasia: A Post-Script 871

Tammela OKT, Linna OVE, Koivisto ME: Long-Term Pulmonary Sequelae in Low Birthweight Infants with and without Respiratory Distress Syndrome 542

Temesvári P, Abrahám C, Kovács J, Baranyai Z: Experimental Pneumothorax Increases Hypoxanthine Concentration in Vitreous Humor of Newborn Piglets 472

Uzel N, Uğur S, Neyzi O: Outcome of Rehydration of Diarrhoea Cases by Oral Route 545

Wennergren G, Kristjánsson, Sten G, Bjure J, Engström I: Nebulized Racemic Adrenaline for Wheezy Bronchitis 375

Yıldız I, Özşahin H, Özbek S: Priapism in a Child with Acute Lymphoblastic Leukemia 553

Yunoki H, Nagashima K, Miyake H, Yagi H, Kuroume T: Serum N-terminal Procollagen III Peptide Levels in Anorexia Nervosa as an Index of Nutritional Status 868

Zamboni G, Antoniazzi F, Spolettini E, Tatò L: Mineral Metabolism in Obese Children after Weight Loss 470

Zuin G, Fontana M, Nicoli S, Scapellato L, Tamburini G, Gobardi F: Persistence of Protein Loss in Acute Diarrhoea. A Follow-up Study by Faecal Alpha-1-Antitrypsin Measurement 961

### Therapeutic Notes

Eronen M, Pesonen E, Wallgren EI, Tikkanen I, Fyhrquist F, Andersson S: Enalapril in Children with Congestive Heart Failure 555

Wijbreg FA, Kleine de MJK, Fleury P, Soepatmi S: Morphine as an Anti-Epileptic Drug in Neonatal Abstinence Syndrome 875

Zerihun G, Ashton M, Eriksson M: Oral Absorption of Amoxicillin in Ethiopian Children with Respiratory Symptoms and Different Nutritional Status 972

### Technical Report

Strömmé P: The Diagnosis of Syndromes by Use of a Dysmorphology Database 106

### Case Reports

Abdelal MA, Ahmed AF: Imerslund-Gräsbeck Syndrome in a Saudi Family 1109

Agertoft A, Husby S, Höst A: Intestinal Perforation in a Two-Year-Old Child with Eosinophilic Gastroenteritis 389

Bagga A, Shankar V, Moudgil A, Srivastava RN: Type O Renal Glucosuria 116

Bergström T, Trollfors B: Recurrent Herpes Simplex Virus Type 2 Encephalitis in a Preterm Neonate. Favourable Outcome after Prolonged Acyclovir Treatment 878

Blomquist HK, Bäck O, Fagerlund M, Holmgren G, Stecksén-Blicks C: Tay or IBIDS Syndrome. A Case with Growth and Mental Retardation, Congenital Ichthyosis and Brittle Hair 1241

Boo NY, Mahmud MN, Samad SA: Radiocontrast-Induced Nephropathy in a Pair of Xiphophorophagus Conjoined Twins during the Neonatal Period 735

Crowne EC, Shalet SM: Adult Panhypopituitarism Presenting as Idiopathic Growth Hormone Deficiency in Childhood 255

De Luca F, Duquennoy P, Arrigo T, Lombardo F, Goossens M: Long-Lasting Catch-up Growth under Bio-Methionine Growth Hormone Treatment in an Infant with Isolated Growth Hormone Deficiency Type 1A 1235

Depasse C, Chanoine JP, Casimir G, Van Vliet G: Congenital Hypothyroidism and Cystic Fibrosis 981

Gayle MO, Ryan CA, Nazarali S: Unusual Cause of Methadone Poisoning 486

Germain-Lee EL, Zinkham WH: Twenty-Nail Dystrophy Associated with Haematologic Abnormalities 977

Goodear HM, Knowles L, Harper JI: Faecal Incontinence due to Perianal Cellulitis 1107

Graff-Lonnevig V, Kaaman T: Juvenile Pemphigus Vulgaris 262

Harrison CJ, Puntis JW, Durbin GM, Gornall P, Booth IW: Atypical Allergic Colitis in Preterm Infants 1113

Kelly SB, Singh MP: Intrauterine Intussusception and Ileal Atresia Presenting as Acute Perforation 1233

Kimura A, Ushijima K, Kage M, Mahara R, Tohma M, Inokuchi T, Shibao K, Tanaka N, Fujisawa T, Ono E, Yamashita F: Neonatal Dubin-Johnson Syndrome with Severe Cholestasis: Effective Phenobarbital Therapy 381

Korman SH: Thrombocytopenic Purpura during the Incubation of Hepatitis B 975

Koushoff BG, Villaveces C, Martinez CR: Unique Brain Anomalies in an Infant of a Diabetic Mother 110

Kristiansen JD, Lahoz AX: Riding-School Lung? Allergic Alveolitis in an 11-Year-Old Girl 386

Lakhkar BB, Lakhkar BN: Tumoral Calcinosis 474

Lindemann R: Congenital Renal Tubular Dysfunction Associated with Maternal Sniffing of Organic Solvents 882

Minegishi Y, Kumada S, Suzuki H, Kusaka H, Shimoza K, Okanishi M: Repetitive Monomorphic Ventricular Tachycardia in a 4-Year-Old Boy with Toxic Multinodular Goiter 726

Monafo V, Maghnie M, Terracciano L, Valtorta A, Massa M, Severi F: X-Linked Agammaglobulinemia and Isolated Growth Hormone Deficiency 563

Murch SH, Carter EP, Tsagarakis S, Grossman A, Savage MO: Isolated ACTH Deficiency with Absent Response to Corticotrophin-Releasing Factor-41. Evidence for a Primary Pituitary Defect 259

Norman M, Lundberg B, Forsgren M, Rydelius PA: Acute Confusion—an Unusual Form of Cerebral Herpes Simplex Virus Infection? 252

Nussinowitch M, Frydman M, Cohen HA, Varsano I: Congenital Agammaglobulinemia Presenting with Ecthyma Gangrenosum 732

Park HK, Kahler SG, Chen YT: Brain Abscess in Glycogen Storage Disease Type Ib 1103

Paul K, Müller KM, Oppermann HC, Nützenadel W: Pulmonary Alveolar Lipoproteinosis in a Seven-Year-Old Girl. A Follow-up over Six Years 477

Pietz J, Kiebel V, Sontheimer D, Kobialka B, Linderkamp O, Mueller-Eckhardt C: High-dose Intravenous Gammaglobulin for Neonatal Alloimmune Thrombocytopenia in Twins 129

Reif S, Jain A, Santiago J, Rossi T: Protein Losing Enteropathy as a Manifestation of Henoch-Schönlein Purpura 482

Sakura N, Nishimura S, Kawahara N, Komazawa Y, Yamaguchi S: Asthma as the First Presenting Symptom of Complex Glycerol Kinase Deficiency 723

Salih MAM, Tuvemo T: Diabetes Insipidus, Diabetes Mellitus, Optic Atrophy and Deafness (DIDMOAD Syndrome). A Clinical Study in Two Sudanese Families 567

Schipper JA, Delemarre-vd Waal HA, Jansen M, Sprangers MAJ: Testicular Dysgenesis and Mental Retardation in Two Incompletely Masculinized XY-Siblings 125

Sreeram N, Watson JG, Hunter S: Cardiovascular Effects of Acute Bronchiolitis 133

Teien D, Finley JP, Murphy DA, Lacson A, Longhi J, Gillis DA: Idiopathic Dilatation of the Aorta with Dissection in a Family without Marfan Syndrome 1246

Ventura A, Bouquet F, Sartorelli C, Barbi E, Torre G, Tommasini G: Coeliac Disease, Folic Acid Deficiency and Epilepsy with Cerebral Calcifications 559

Yoshimoto M, Nakayama M, Baba T, Uehara Y, Niikawa N, Ito M, Tsuji Y: A Case of Neonatal McCune-Albright Syndrome with Cushing Syndrome and Hyperthyroidism 984

Young MC, Hughes IA: Loss of Therapeutic Control in Congenital Adrenal Hyperplasia due to Interaction between Dexamethasone and Primidone 120

## Letters to the Editor

Avanzini A, Colombo T, Lantucci S: Neutopenia in a Cytomegalovirus (CMV) Infected VVLBW Infant 738

Baldassarre M, Mautone A, Indrio F, Benedetti G, Cavallo L: Intestinal Absorption of D (+) Xylose in Newborns 988

Barry DMJ: Iron and Infection 573

Björklund L, Felding I: Rapp-Hodgkin Ectodermal Dysplasia 93

Clemens PC, Hedrick-Ellerbrok M, Wachtel U, Link RM: Plasma Amino Acids in Adolescents and Adults with Phenylketonuria on Three Different Levels of Protein Intake 577

De Scheper J: Mineral Metabolism in Obese Children 1253

Järvenpää AL, Rajantie J: Intravenous Immunoglobulin (IVIG) Therapy of Neonatal Alloimmune Granulocytopenia 885

Maghnie M, Severi F: Adult Panhypopituitarism Presenting as Idiopathic Growth Hormone Deficiency in Childhood: Really Idiopathic? 1256

Massarano AA: Growth Hormone Therapy and Final Height in Girls with Turner's Syndrome 1254

Salinas CF: Rapp-Hodgkin Syndrome 94

Schoen EJ: Is It Time for Europe to Reconsider Newborn Circumcision? 573

## Committee Report

ESPGAN Committee on Nutrition: Aggett PJ, Haschke F, Heine W, Hernell O, Koletzko B, Launiala K, Rey J, Rubino A, Schöch G, Senterre J, Tormo R: Comment on the Content and Composition of Lipids in Infant Formulas 887

## Invited Commentary

Bergman LR: Sex Differences in Vulnerability? 1250

